

Fig. 2

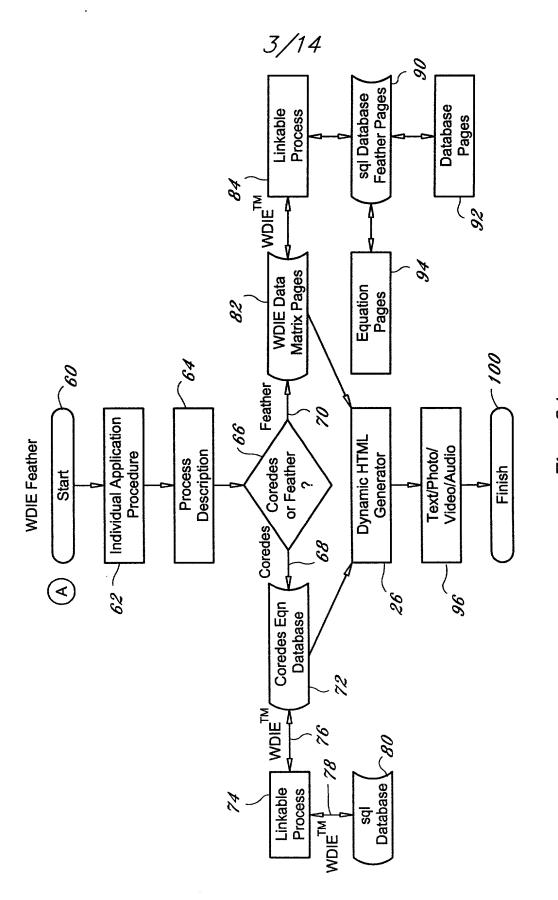


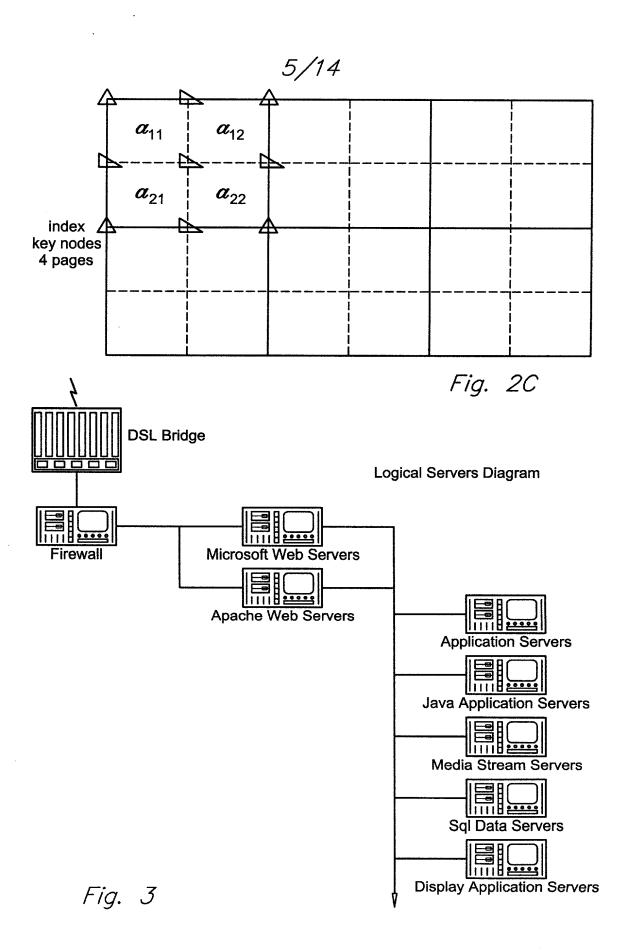
Fig. 2A

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## WDIE Feather

1) Equation Page	•	Inpu	<u>ıt</u>	
Original Input =; ☐ ; ☐ ; ☐ ; ☐				Page
Calculation Yields Output		Outp	ut △ △	Page
2) Data Matrix Page  Original Discrete Input Data		Inpu		Page
Calculation (if necessary)  △ =	Index Keying	Outp Data	ut △ △	Page
Result	Nodes	Data	△ △ △	Page

Fig. 2B



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Web Browser	Eile Edit View Favorites Tools Help         Address http://www.engineering—i.com/	engineering-i.com	Welcome to engineering-i.com! engineering-i.com will provide a unique forum for engineering analysis and communication through the medium of the internet. engineering-i.com is the answer to the increasing demands of designers and engineers working with sandwich composites in the marine field, aerospace, building and construction industries  ENTER WIRELESS ACCESS  ENTER	9:11 PM
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Fig. 4

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Address http://www.engineering-i.com/
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Welcome to engineering-i.com!
engineering-i.com will provide a unique input/output analysis for engineering, bio-engineering and medical data analysis through the medium of the internet.
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ENTER COREDES MODEM/DSL
1.040

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Fig. 4A Start

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Fig. 5

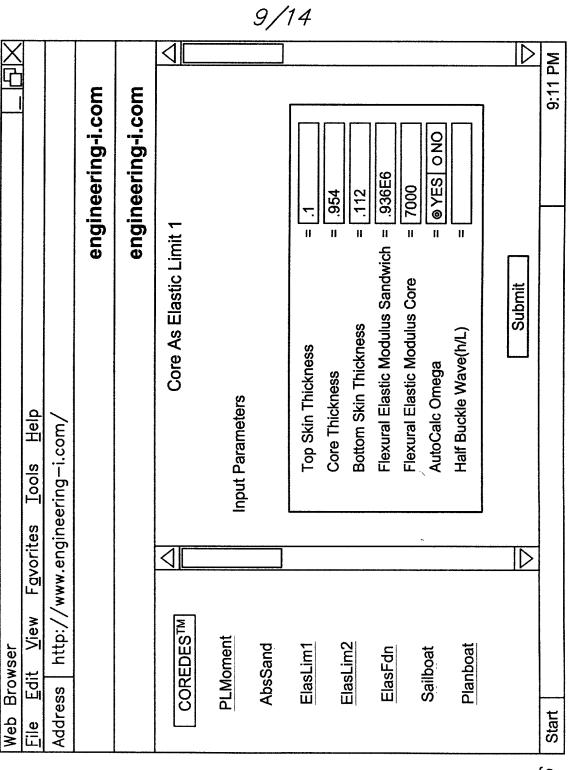
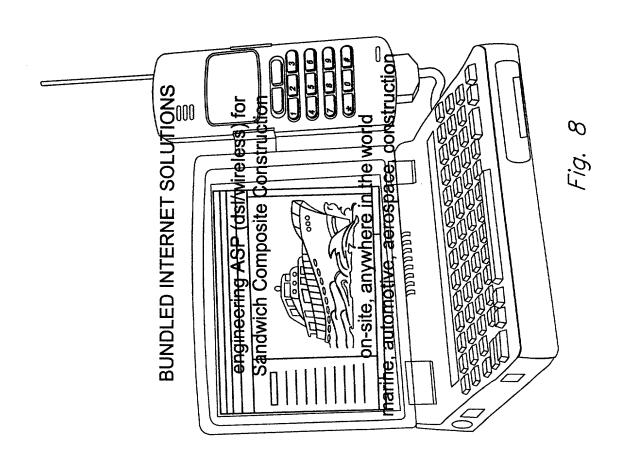
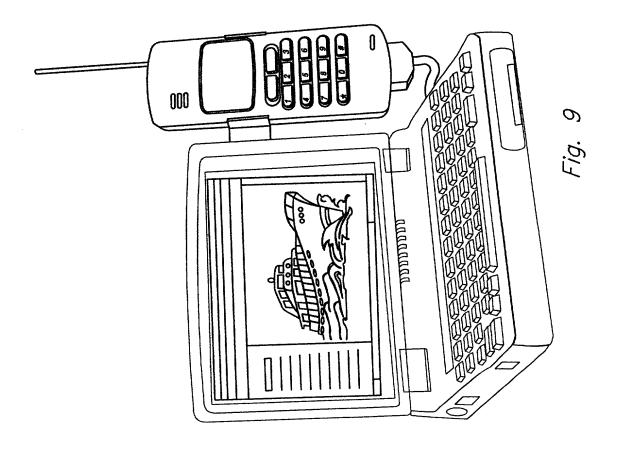


Fig. 6

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			engineering-i.com	4									***************************************		>	9:11 PM
	Fgvorites Iools Help	http://www.engineering—i.com/	enginee	Input Parameters:		Core Thickness=0.1 Bottom Skin thickness=0.112	Flexural Elastic Modulus Sandwich=913000.0 Flexural Elastic Modulus Core=7000.0	AutoCalc Omega=Yes Output Results:	Omega (Geometric)=0.00232065	1/2 Buck=0.88682025	Omega 1=9.63243850889533E-5 Omega 2=1.0361503725543246E-5	Omega 3=-0.009798827718722184 Omega 4=-0.004107235245087985	Omega=0.002476532898214347	SIGMA*=0.0251371	SIGIVIA CRIT. (FIIII. TIBIU)-2003.234082/	
Web Browser	<u>File</u> <u>Edit</u> <u>View</u>	Address http://		COREDESTM	PLMoment	AbsSand	ElasLim1	ElasLim2	ElasFdn	Sailboat	Planboat	Single Skin	Programs			Start

Fig. 7





Flex Elastic Mod Sand=913000.0 ⇔ History Flex Elastic Mod Core=7000.0 Bottom Skin Thickness=0.112 Core Thickness=0.954 AutoCalc Omega=Yes Sandwich Elas.. Ouput:

← → History

Planing Hull..!!

Sandwich Elastic Limit 1

Sigma Crit (Prin Yield)=2853.255∬ Omega (geometric)=0.00232 1/2 Buckle Wave=0.887 Omega=0.00248 SIGMA\*=0.025

> Flex Elastic Mod Sand=913E6 Flex Elastic Mod Core=7000

Bot Skin Thickness=.112

Top Skin Thickness=.1 Core Thickness=.954

Input Parameters:



Fig. 11

Done labs ~ Layour ⇒

and given given given in the receiver of the second course of the second second